

Well Construction Details

Top of PVC Casing
Elev. **514.73 ft.**

GROUND SURFACE

2" DIA.
BOREHOLE: to
28 ft.

BENTONITE-
CEMENT SEAL: 0
to 5 ft.
3/4" DIA. SCHED.
40 PVC CASING:
+2 to 10 ft.

BENTONITE
CHIP SEAL: 5 to
8 ft.

PRE-FABRICATED
BENTONITE
SEAL: 8 to 10 ft.

PRE-FABRICATED
FILTER PACK: 10
to 25 ft.

PRE-FABRICATED
3/4" DIA.
SLOTTED
CASING: 10 to 25
ft.

BOTTOM WELL
CAP: 25 ft.
Well casing
installed to 25 ft.
BGS

Recovery
(inches)
PID Reading
(ppm)

36

0

48

0

48

0

48

65

48

500

48

600

48

400

Date 8/18/06

Driller Direct Push

Drilling Method Direct Push

Sampler Clear Liners

Hammer Weight NA Drop NA

Logged by Datum

Surface Elevation 511.74 Hole Dia. 2-in.

Northing 505812.537 Easting 1237345.846

Depth (ft.)
Sample

0

Light Yellowish Brown Lean Clay (CL) (10YR 6/4)
Very stiff, dry, 90% clay, 10% silt, trace mudstone
gravel, trace oxidation staining

5

@3 ft.: Mottled with Dark Grayish Brown (10YR
4/2) to 40%

10

@8 ft.: Color change to Very Dark Grayish Brown
(10YR 3/2)

15

@11 ft.: Change to Grayish Brown (10YR 3/2),
Soft, dry to moist

@13 ft.: Change to Very Dark Gray (10YR 3/1)
Medium stiff

@14 ft.: Change to Dark Greenish Gray (5GY
4/3) Stiff, dry

@15 ft.: Color change to Brown (10YR 4/3)

20

@18 ft.: Change to Olive Gray (5Y 4/2), no
gravels

25

@21 ft.: Color change to Very Dark Gray (5Y 3/1)

@24 ft.: Change to soft, dry to moist

@25 ft.: Change to Very Dark Gray (5Y 3/1)
Very stiff, dry

@27 ft.: Color change to Dark Gray (5Y 4/3)
Stiff

Bottom of boring at 28 feet.

BORING_WELL2_CASMA/ARIFS.GPJ GEOL.GDT 12/13/10

Well Construction Details and Log of Boring RIPZ-34

Final Remedial Investigation Report
Casmalia Resources Superfund Site
Casmalia, California

PLATE

E9-45

DRAWN

JOB NUMBER

CHECKED

CHCK'D DATE

APPROVED

APPRV'D DATE

WJF

4088097619

WJF

1/11

WBC

1/11